

Amendments to the Specification

Please replace the paragraph at page 60, lines 25-33 with the following amended paragraph:

A custom made Compas Beads (Union Biometrica) beadsorтер with laser exitation at 488 nm and detection of fluorescence at 514 nm was used to pool the beads synthesized according to the number if of small particles. The integrated fluorescence of the small particles was recorded with the selection (sorting) window preset to collect those beads having 3-4 small particles at a sorting rate of 30 beads/s at a flowrate of 1000 mm/s of Compas shear fluid corresponding to sorting of 900.000 beads in a working day. The collected beads were resorted to yield approximately ~20% containing 3 - 4 particles/bead. The quality of the collected pool was ~~veryfied using~~ verified using a fluorescence microscope.